

PRINTER RUSH
(PTO ASSISTANCE)

Application : 0954896

Examiner : Chang

GAU : 2625

From: NW

Location: IDC FMF FDC

Date: 10/3/05

Tracking #: EPM-0954896 Week Date: 7/4/05

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS		<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM		<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input type="checkbox"/> Other
<input checked="" type="checkbox"/> DRW	<u>3-1-00</u>	
<input type="checkbox"/> OATH		
<input type="checkbox"/> 312		
<input type="checkbox"/> SPEC		

[RUSH] MESSAGE: ATTN: Chief Drawingsperson

There are lines going through the drawings. If possible, please provide more clear copies of the obscured figures.

Thanks

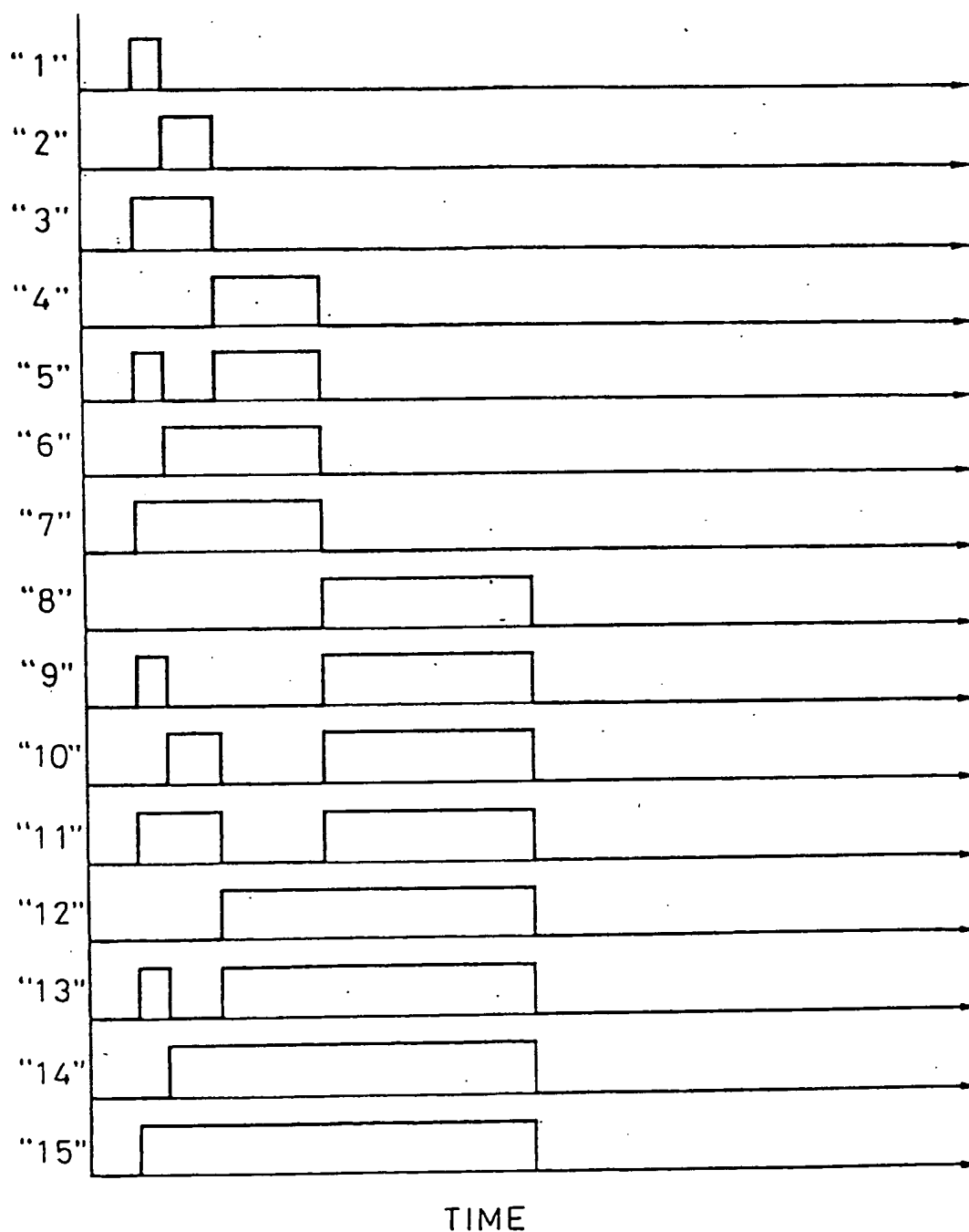
[XRUSH] RESPONSE: _____

DRAWINGS CORRECTED

10-20-2005

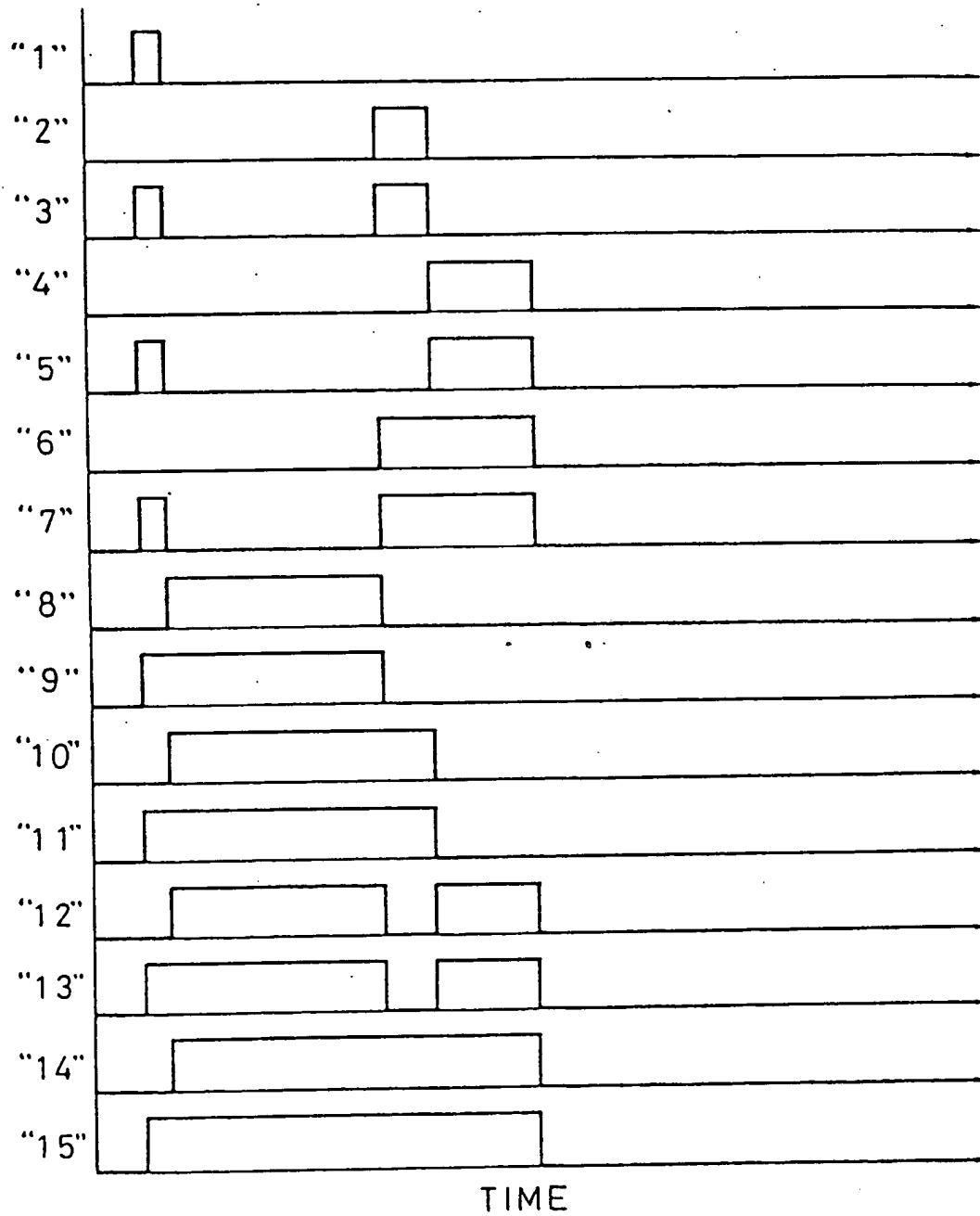
INITIALS: BS

FIG.1



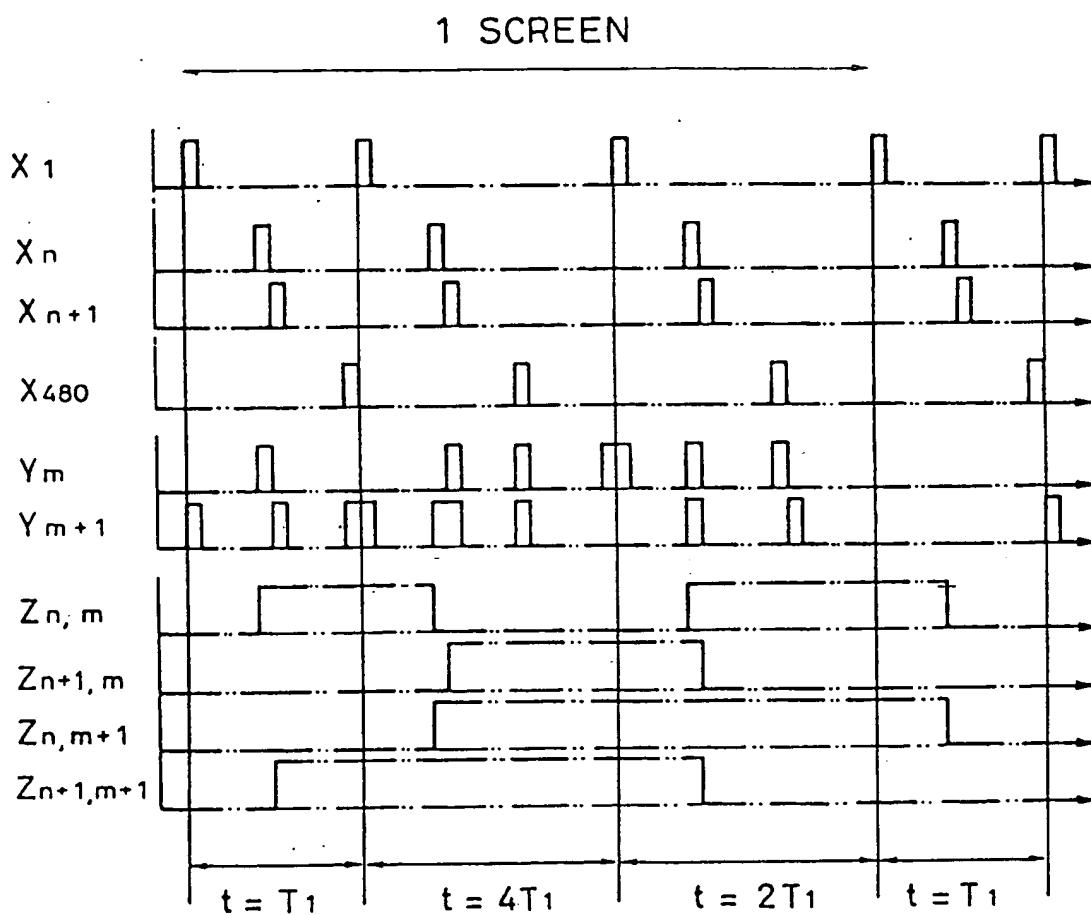
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FIG. 3



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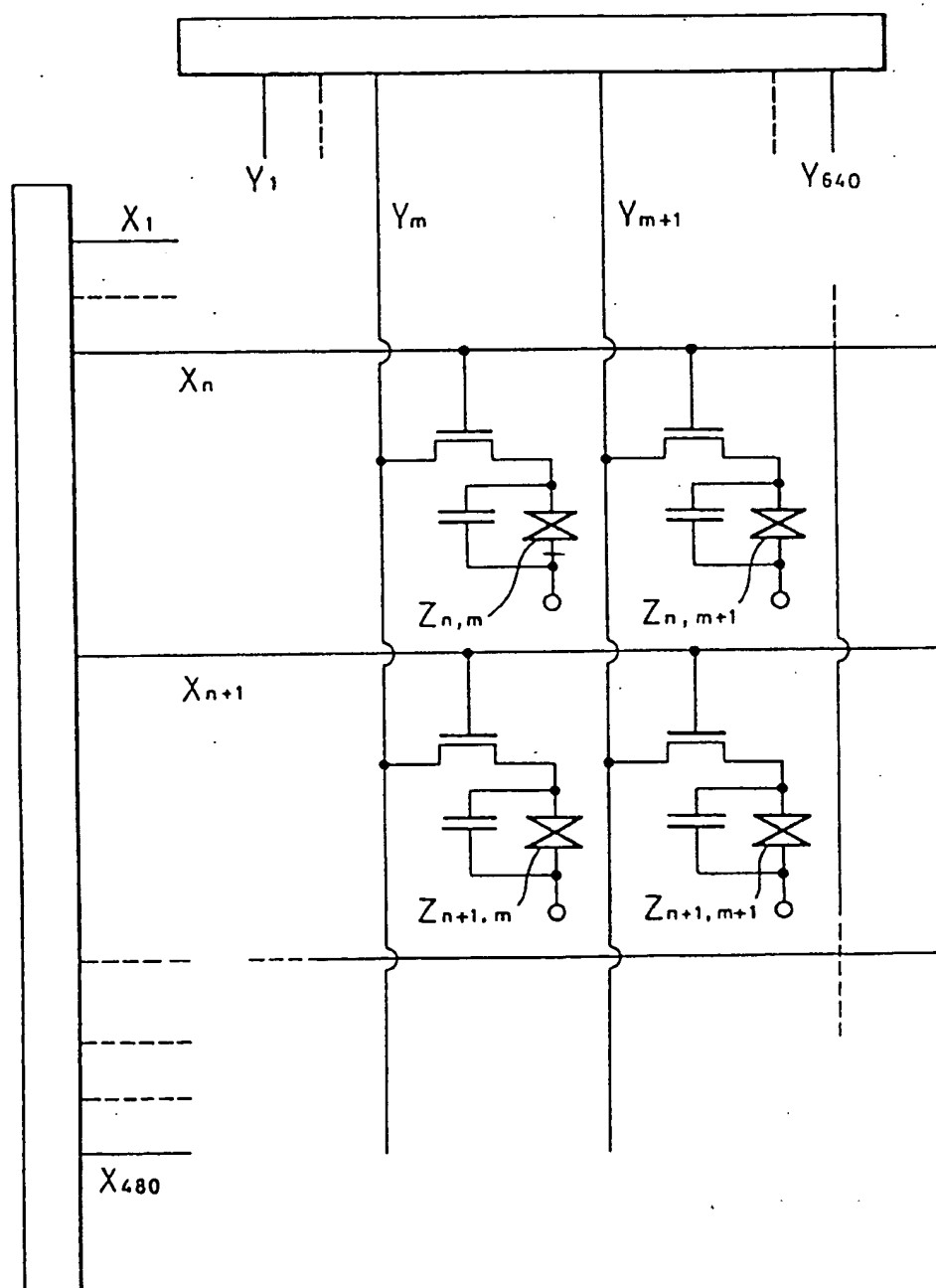
FIG. 4



$$\begin{array}{llll}
 Z_{n,m} & : & T_1 + 2T_1 = 3T_1 & \longrightarrow \text{"3"} \\
 Z_{n+1,m} & : & 4T_1 & \longrightarrow \text{"4"} \\
 Z_{n,m+1} & : & 4T_1 + 2T_1 = 6T_1 & \longrightarrow \text{"6"} \\
 Z_{n+1,m+1} & : & T_1 + 4T_1 = 5T_1 & \longrightarrow \text{"5"}
 \end{array}$$

007220" 96204560

FIG. 5



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007220 96804560

FIG. 7(A)

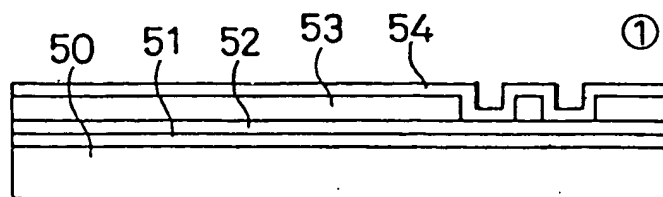


FIG. 7(B)

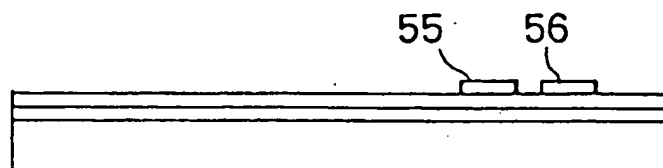


FIG. 7(C)

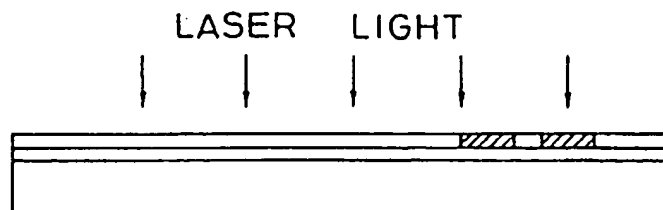


FIG. 7(D)

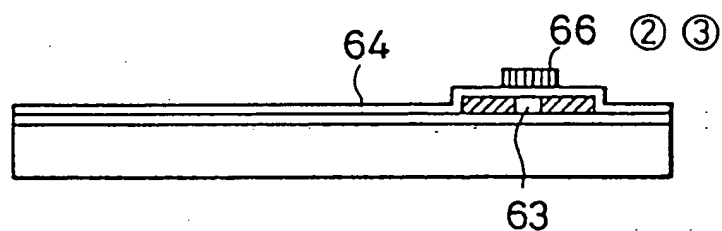


FIG. 7(E)

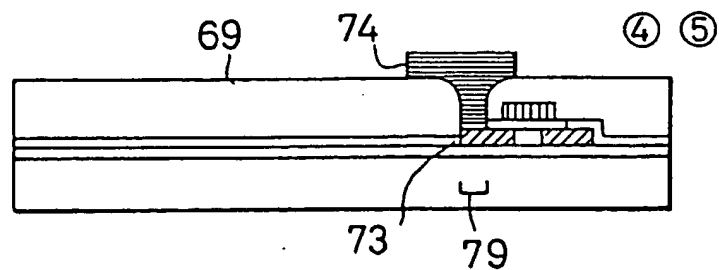


FIG. 7(F)

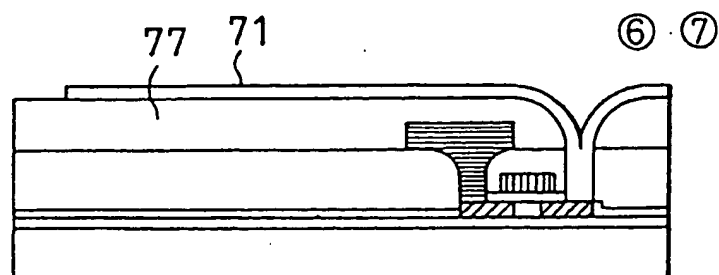


FIG. 8(A)

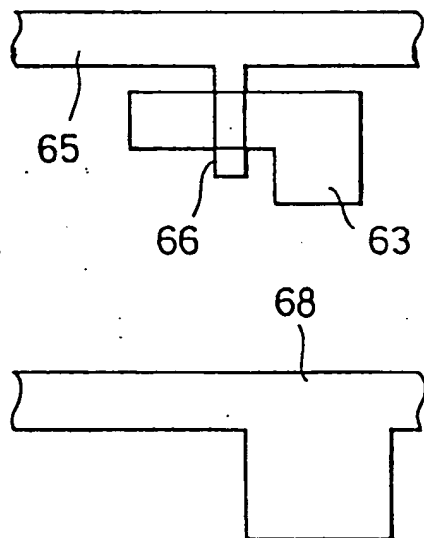


FIG. 8(B)

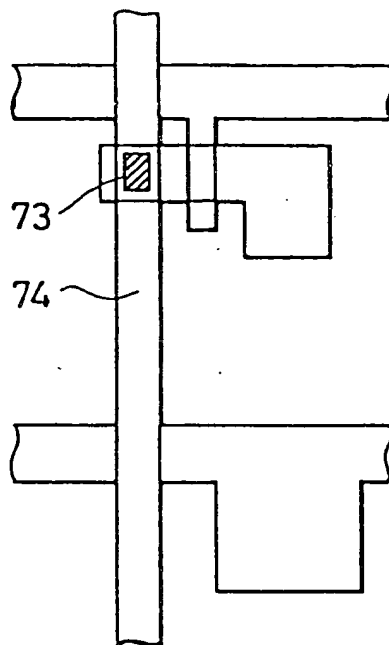


FIG. 8(C)

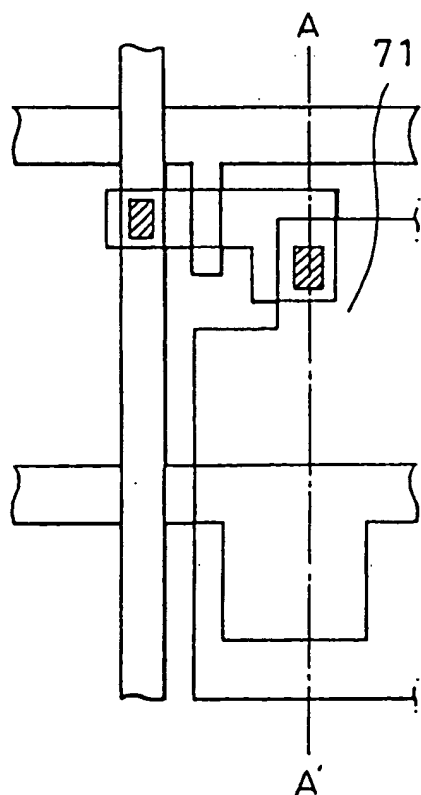
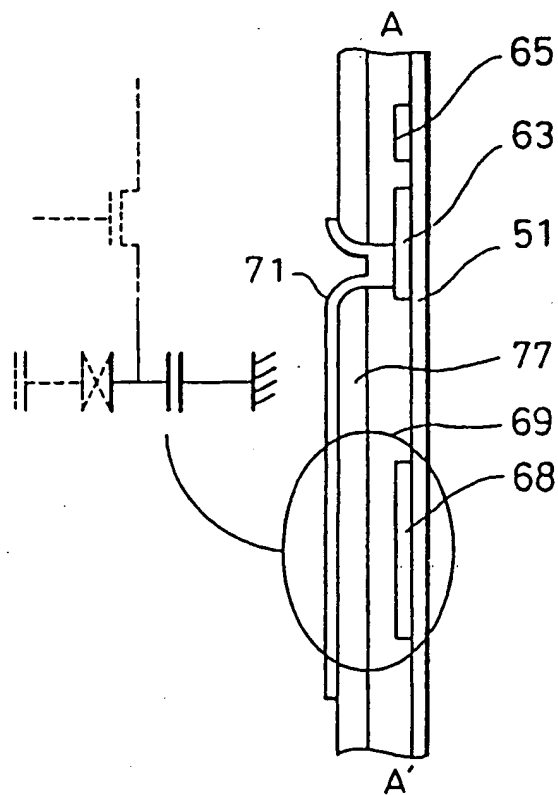


FIG. 8(D)



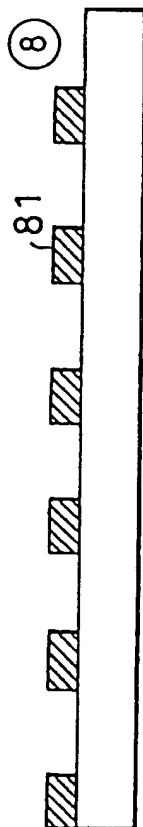


FIG. 10 (A)

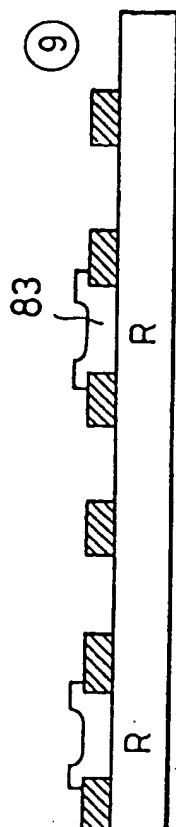


FIG. 10 (B)

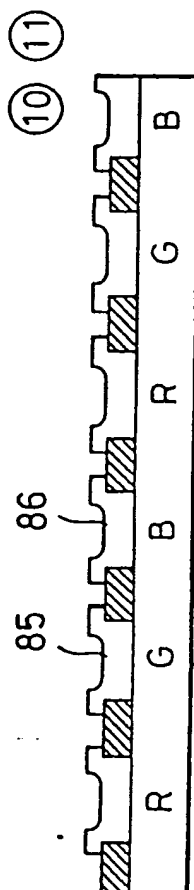


FIG. 10 (C)

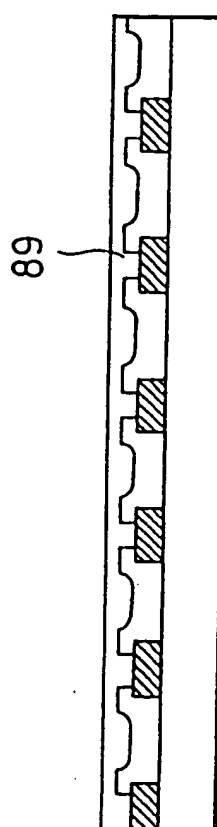


FIG. 10 (D)

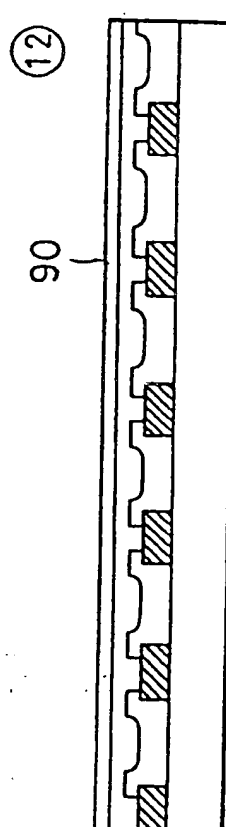


FIG. 10 (E)

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FIG.12(A) FIG.12(B)

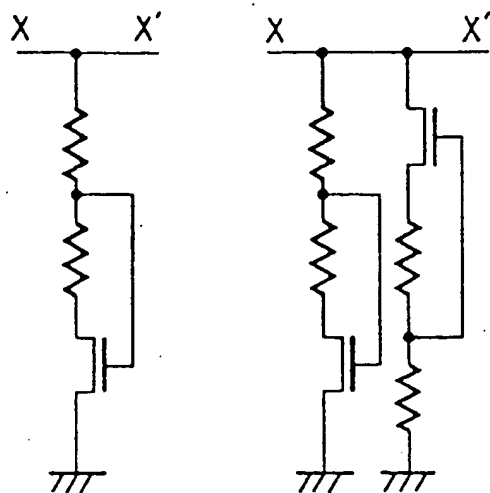


FIG.12(C)

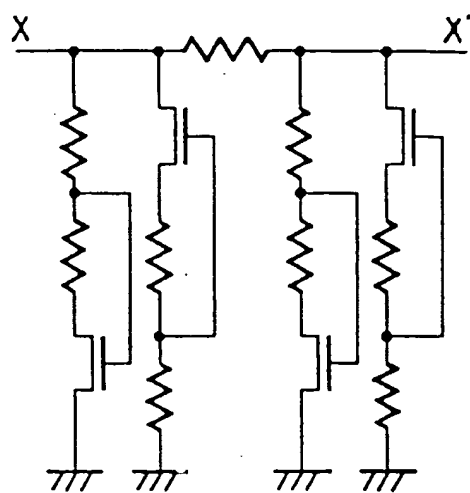


FIG.12(D)

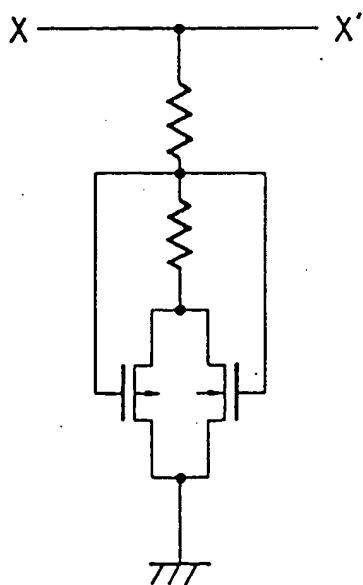
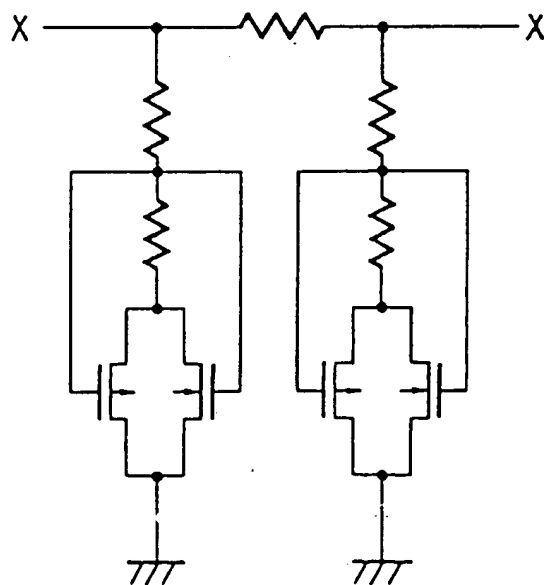


FIG.12(E)



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FIG.13(A)

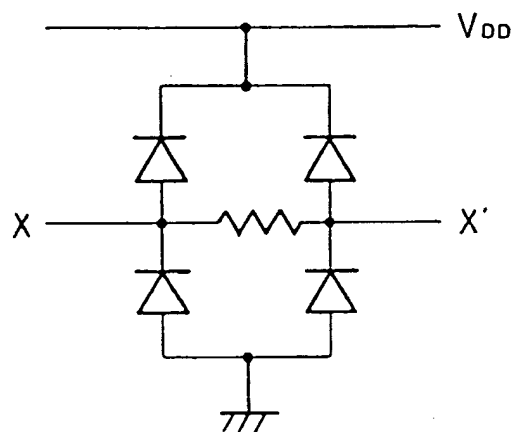


FIG.13(B)

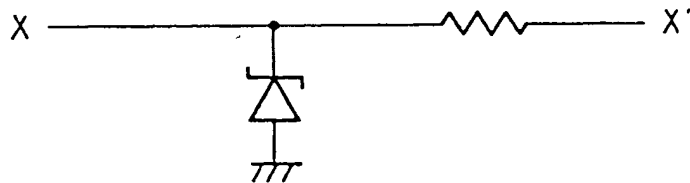
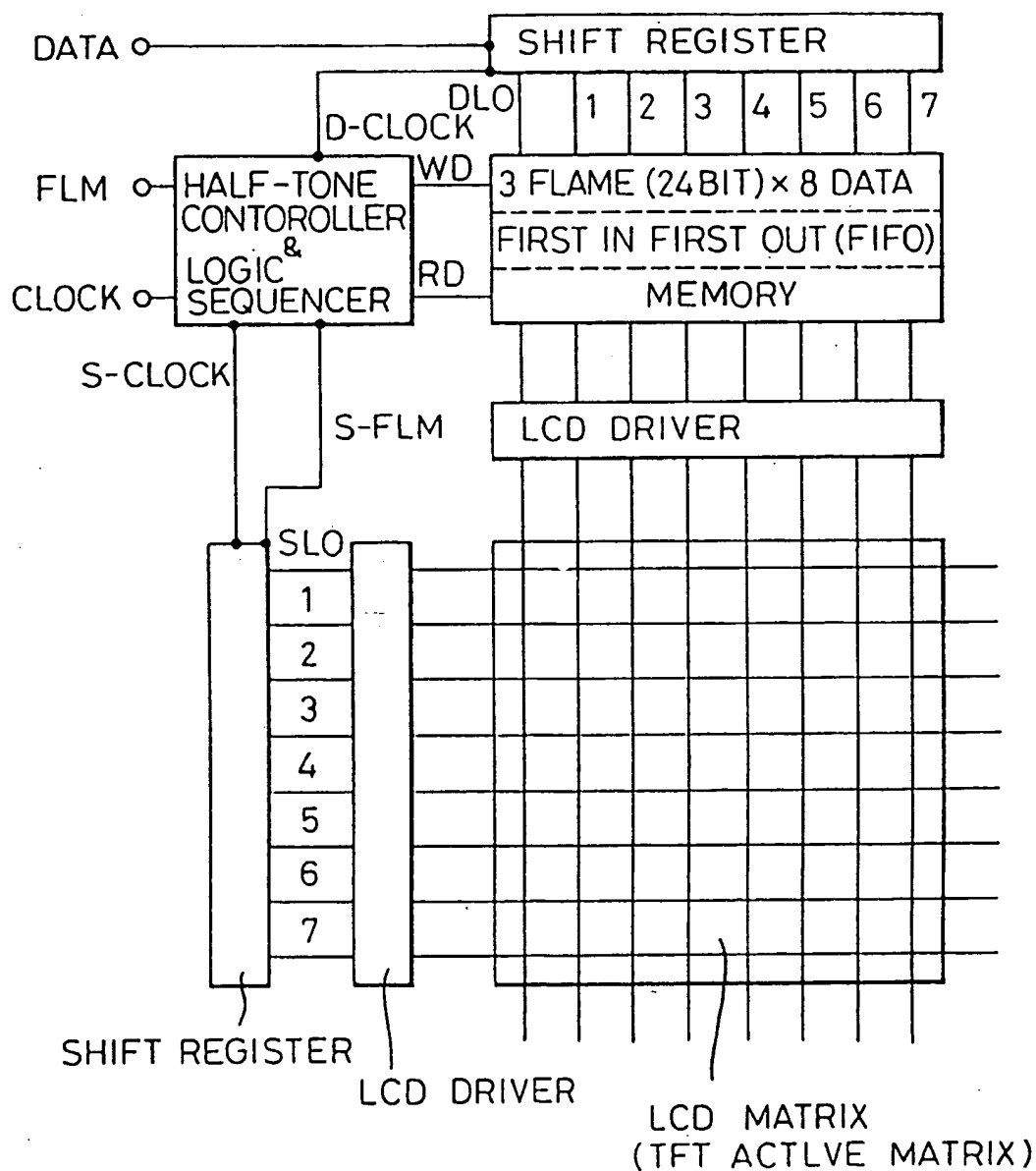


FIG.14



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FIG. 15

DATA DISPLAYED ON SCREEN
 (ANALOG IMAGE SIGNAL)
 100 → WHITE
 0 → BLACK

0	10	20	30	40	50	60	70
80	90	100	0	10	20	30	40
00	100	0	0	100	100	0	0
100	100	0	0	100	100	0	0
0	0	100	100	0	0	100	100
0	0	100	100	0	0	100	100
0	10	20	30	40	50	60	70
80	90	100	0	10	20	30	40

A/D CONVERSION

LSB #0 BIT →

0	1	1	1	0	0	1	1
---	---	---	---	---	---	---	---

#1 BIT →

0	0	1	0	1	0	0	1
---	---	---	---	---	---	---	---

#2 BIT →

0	0	0	1	1	0	0	0
---	---	---	---	---	---	---	---

#3 BIT →

0	1	0	1	0	0	1	0
---	---	---	---	---	---	---	---

#4 BIT →

0	1	1	0	0	0	1	1
---	---	---	---	---	---	---	---

#5 BIT →

0	0	1	0	1	0	0	1
---	---	---	---	---	---	---	---

#6 BIT →

0	0	0	1	1	0	0	0
---	---	---	---	---	---	---	---

#7 BIT →

0	0	0	0	0	1	1	1
1	1	1	0	0	0	0	0
1	1	0	0	1	1	0	0
1	1	0	0	1	1	0	0
0	0	1	1	0	0	1	1
0	0	1	1	0	0	1	1
0	0	0	0	0	1	1	1
1	1	1	0	0	0	0	0

MEMORY OF DIGITAL DATA
FOR GRADATION DISPLAY

(8 DOT x 8 DOT
x 256 GRADATIONS
(8 BITS) FOR
ONE SCREEN)

FIG. 16

ORDER OF
TRANSFER OF
DATA IN MEMORY

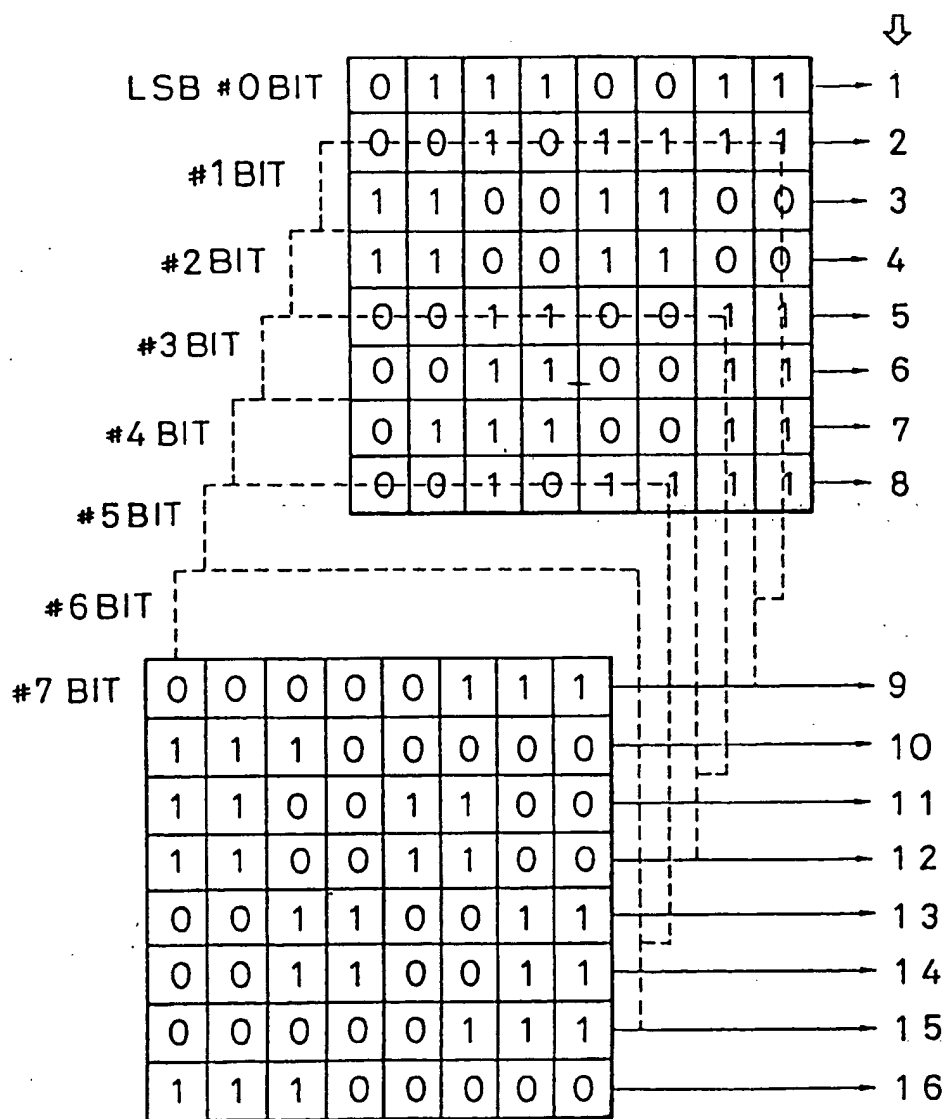
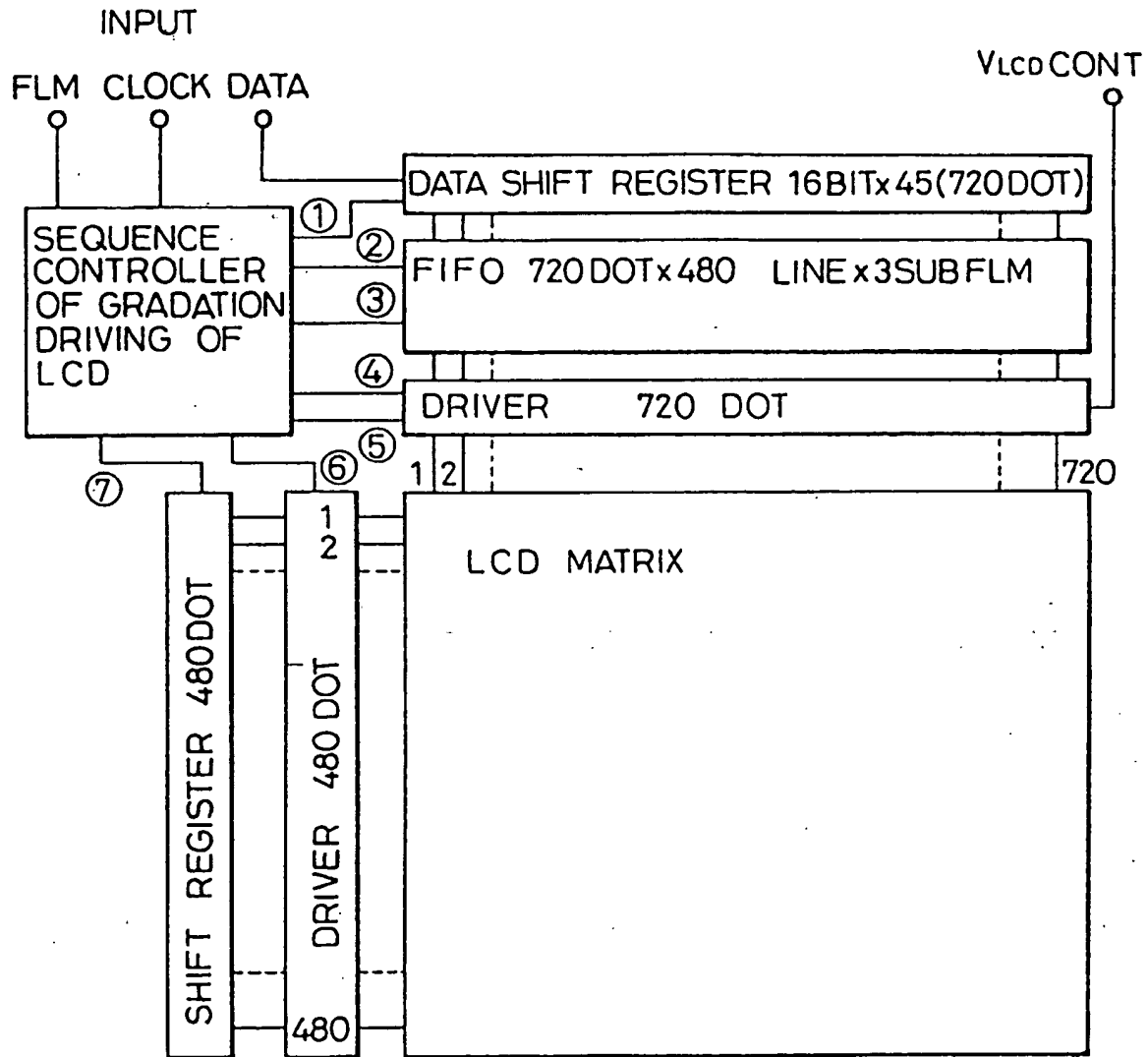
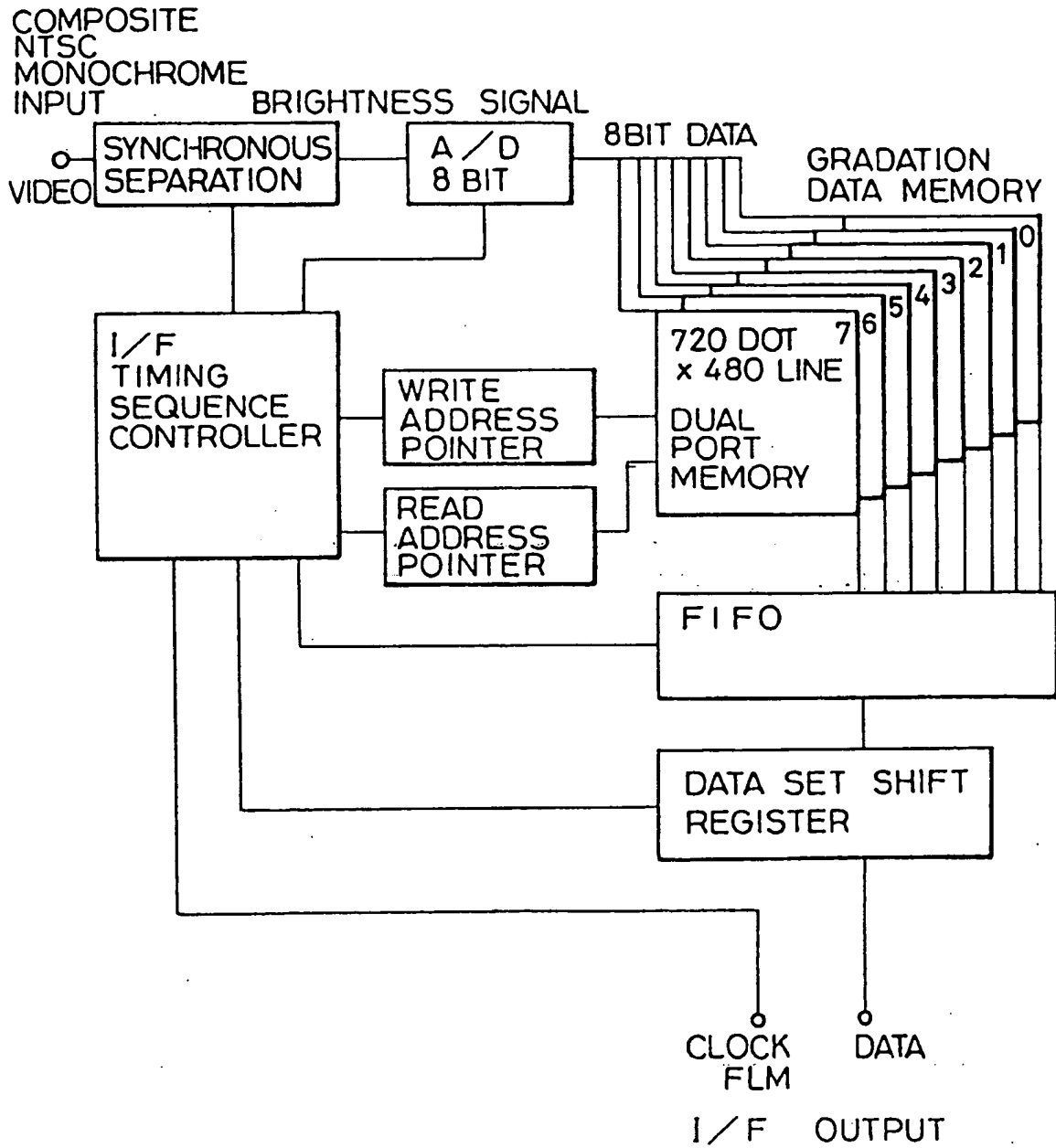


FIG. 20



- | | |
|---------------|---------------|
| ① DATA CLOCK | ⑤ AC CLOCK |
| ② IN CLOCK | ⑥ SET CLOCK |
| ③ OUT CLOCK | ⑦ SHIFT CLOCK |
| ④ DRIVE CLOCK | |

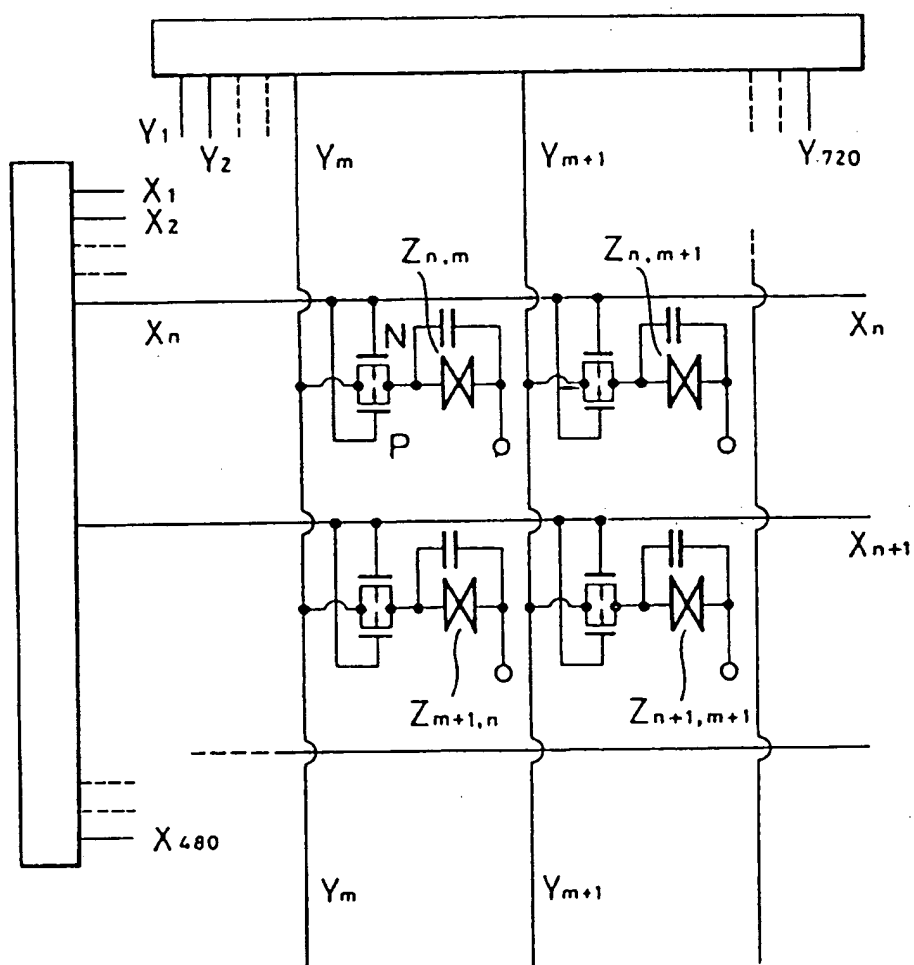
FIG. 21



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FIG. 23



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FIG. 24

